

ROEBOURNE AP, Australia

Annual Climatic Design Data (2001–2019)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
20.759S	117.158E	11	101.19	9.6	42.5	11.2	WNW

Monthly Winds (2001–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	2	2	4	7	8	7	8	7	5	3	2	1

Prevailing Wind #1

DIR	W	W	W	SW	ESE	ESE	ESE	SW	WSW	W	W	W
%OCC	18	17	9	9	15	22	17	11	13	18	21	23
AVG m/s	5.6	5.2	4.2	3.2	6.0	5.9	6.0	3.3	4.1	5.3	5.7	5.7
MED m/s	5.4	5.1	4.0	3.1	5.8	5.7	5.9	3.2	3.9	5.1	5.5	5.6

Prevailing Wind #2

DIR	WNW	WNW	WSW	ESE	SW	E	SW	ESE	W	WSW	WNW	WNW
%OCC	15	13	9	9	8	9	8	11	13	15	17	19
AVG m/s	6.7	6.0	3.8	5.9	3.0	6.2	3.2	6.3	4.7	4.6	7.0	6.9
MED m/s	6.6	5.7	3.7	5.8	2.9	6.4	3.1	6.2	4.4	4.4	7.3	6.9

Prevailing Wind #3

DIR	NW	WSW	ESE	NNE	NNE	SE	E	WSW	SW	WNW	WSW	WSW
%OCC	10	11	8	8	7	9	8	8	11	13	14	11
AVG m/s	6.2	4.4	5.9	5.3	5.0	4.7	5.9	3.7	3.7	6.7	4.8	4.8
MED m/s	6.5	4.3	5.5	5.4	5.1	4.7	6.0	3.4	3.6	6.9	4.7	4.7

Prevailing Wind #4

DIR	WSW	NW	WNW	WSW	E	NNE	SSW	NNE	WNW	SW	NW	NW
%OCC	9	10	8	8	7	7	8	7	11	10	8	10
AVG m/s	5.0	6.0	5.0	3.4	6.1	4.5	3.1	5.5	6.0	4.4	6.7	6.6
MED m/s	4.9	6.1	4.8	3.3	6.1	4.5	3.0	5.5	6.2	4.2	7.0	6.8